EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(coat$ harden$3 vacuum protect$3 (fluid OR liqhid OR viscous) (heat$3 OR radiat$4) ("CMP" (chemical adj1 mechanical adj1 polish$3) grind$3) (die wafer) (polymer$3 resin)).clm.	US-PGPUB; USPAT; USOCR	AND	OFF	2012/02/06 12:50
L2	0	(coat$ harden$3 vacuum protect$3 (fluid OR liqhid OR viscous) (heat$3 OR radiat$4) ("CMP" (chemical adj1 mechanical adj1 polish$3) grind$3) (die wafer) (polymer$3 resin)).clm.	US-PGPUB; USPAT	AND	OFF	2012/02/06 12:51
S1	374434	thinning grind$3 "CMP" "chemical mechanical polishing"	US-PGPUB; USPAT	OR	ON	2010/04/21 18:17
S2	37813	protection NEAR1 (film layer)	US-PGPUB; USPAT	OR	ON	2010/04/21 18:18
S3	6629	S2 AND S1	US-PGPUB; USPAT	OR	ON	2010/04/21 18:18
S4	992960	wafer semiconductor	US-PGPUB; USPAT	OR	ON	2010/04/21 18:19
S5	5113	S3 AND S4	US-PGPUB; USPAT	OR	ON	2010/04/21 18:19
S6	161	(protection NEAR1 (film layer)) SAME (harden solidify)	US-PGPUB; USPAT	OR	ON	2010/04/21 18:20
S7	28	S1 AND S6	US-PGPUB; USPAT	OR	ON	2010/04/21 18:21
S8	13	S4 AND S7	US-PGPUB; USPAT	OR	ON	2010/04/21 18:23
S9	374434	thinning grind$3 "CMP" "chemical mechanical polishing"	US-PGPUB; USPAT	OR	ON	2010/04/21 18:33
S10	992960	wafer semiconductor	US-PGPUB; USPAT	OR	ON	2010/04/21 18:33
S11	129485	S9 AND S10	US-PGPUB; USPAT	OR	ON	2010/04/21 18:33
S12	59349	S9 SAME S10	US-PGPUB; USPAT	OR	ON	2010/04/21 18:33
S13	37813	protection NEAR1 (film layer)	US-PGPUB; USPAT	OR	ON	2010/04/21 18:34
S14	381	S9 SAME S10 SAME S13	US-PGPUB; USPAT	OR	ON	2010/04/21 18:34
S15	171534	(harden solidify)	US-PGPUB; USPAT	OR	ON	2010/04/21 18:34
S16	5	S14 AND S15	US-PGPUB; USPAT	OR	ON	2010/04/21 18:34
S17	22	("5668030" | "5759873" | "5877064").PN. OR ("5972234").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/21 18:48
S18	1	"6551906".pn.	US-PGPUB;	OR	OFF	2010/04/21

			USPAT; USOCR			19:30
S19	25	("5219765" | "5824177" | "5851664" | "6004833" | "6060373" | "6156423" | "6174751" | "6338980").PN. OR ("6551906").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/21 19:30
S20	1626	"UV curing resin"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/21 19:34
S21	142	"UV curing resin" SAME (harden$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/21 19:34
S22	20	"UV curing resin" SAME (harden$3) SAME (protect$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/21 19:34
S23	1	"6214520".pn.	US-PGPUB; USPAT	OR	ON	2010/04/29 20:23
S24	20	("UV curing resin" "KR566") SAME (harden$3) SAME (protect$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/29 20:26
S25	30	("20030038357" | "20030038374" | "20030178710" | "20040026768" | "20040097054" | "20050090050" | "5140404" | "5218229" | "5323060" | "5372883" | "5476565" | "5776799" | "5945733" | "5962097" | "6251513" | "6265763" | "6333562" | "6340846" | "6351028" | "6388313" | "6472758" | "6503821" | "6551906" | "6569709" | "6593662" | "6620651" | "6650009" | "6803293" | "6885093" | "6979593").PN. OR ("7678611").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/29 20:33
S26	5	("5476566" | "6162703" | "6398892").PN. OR ("6803293").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/29 20:43
S27	74	("4104099" | "4138304" | "4316757" | "4466852" | "4718967" | "4720317" | "4839206" | "4891334" | "4946716" | "5113622" | "5171398" | "5273615").PN. OR ("5476566").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/29 20:48
S28	28	("20020068453" | "4753049" | "5035087" | "5476566" | "5632667" | "5679060" | "5827112" | "5883522" | "6024631" | "6054015" | "6060373" | "6112735" | "6112740" | "6120360" | "6146256" | "6146259" | "6146260" | "6149500" | "6149505" | "6149506" | "6149507" | "6152808" | "6162703" | "6338980" | "6342434" | "6478918").PN. OR ("6949158").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/29 21:10
S29	1	"6030485".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/29 21:15
S30	21	("5268065" | "5476566" | "5480842"	US-PGPUB;	OR	OFF	2010/04/29

		"5840614").PN. OR ("6030485").URPN.	USPAT; USOCR			21:18
S31	1	"6478918".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/29 22:03
S32	9	("5476566" | "6391679" | "6398892" | "6506664").PN. OR ("6930023").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/29 22:10
S33	8	("5476566" | "5607099" | "5872365" | "6168960").PN. OR ("6320266").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/29 22:18
S34	8913	(("UV" OR "ultra violet") AND (tape OR adhesive)) SAME (fluid liquid)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/30 13:15
S35	5961	(((("UV" OR "ultra violet") AND (tape OR adhesive)) SAME (fluid liquid)) AND (hard$4 stiffen)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/30 13:16
S36	3	(((("UV" OR "ultra violet") AND (tape OR adhesive)) SAME (fluid liquid)) AND (hard$4 stiffen)) WITH semiconductor	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/30 13:16
S37	1487	(((("UV" OR "ultra violet") AND (tape OR adhesive)) SAME (fluid liquid)) AND (hard$4 stiffen)) AND semiconductor	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/30 13:22
S38	338	(((("UV" OR "ultra violet") AND (tape OR adhesive)) SAME (fluid liquid)) AND (hard$4 stiffen)) AND semiconductor AND (thinning grind$3 "CMP" "chemical mechanical polishing")	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/30 13:22
S39	254	(((("UV" OR "ultra violet") AND (tape OR adhesive)) SAME (fluid liquid)) AND (hard$4 stiffen)) AND wafer AND (thinning grind$3 "CMP" "chemical mechanical polishing")	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/30 13:23
S40	31	("5223734" | "5324687" | "5476566" | "5656552" | "5682065" | "5714395" | "5782975" | "5801452" | "5830806" | "5841197" | "5851845" | "5855735" | "5865666" | "5882990" | "5895972" | "6004653" | "6013534" | "6069366").PN. OR ("6180527").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/30 13:59
S41	257	(((("UV" OR "ultra violet" OR "photopolymer" OR "photo polymer") AND (tape OR adhesive)) SAME (fluid liquid)) AND (hard$4 stiffen)) AND wafer AND (thinning grind$3 "CMP" "chemical mechanical polishing")	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/30 14:46
S42	1	"6818544".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/30 14:53
S43	1	"6555908".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/30 14:54
S44	10	("5646068" | "5841193" | "6111317"	US-PGPUB;	OR	OFF	2010/04/30

		|| "6187680" | "6277669" | "6555908" | "6818544").PN. OR ("7112467").URPN.	USPAT; USOCR			15:21
S45	38	(thinning grind$3 "CMP" "chemical mechanical polishing") SAME (("UV" "ultra-violet" "ultraviolet" "radiation cured") NEAR1 (epoxy resin))	US-PGPUB; USPAT	OR	ON	2010/05/05 14:37
S46	321	((("UV" OR "ultra violet" OR "photopolymer" OR "photo polymer") AND (tape OR adhesive OR glue)) SAME (solid OR hard) SAME ("room temperature" OR "temparature")	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/05 21:59
S47	71	(((("UV" OR "ultra violet" OR "photopolymer" OR "photo polymer") AND (tape OR adhesive OR glue)) SAME (solid OR hard) SAME ("room temperature" OR "temparature")) AND (wafer OR semiconductor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/05 21:59
S48	1	"6180527".PN.	USPAT	OR	OFF	2010/05/06 20:32
S49	280	(gap "air pocket") SAME ("back side grind" "back side grinding" "back-side grinding" grind$3) SAME wafer	US-PGPUB; USPAT	OR	ON	2010/08/09 16:35
S50	74	(gap "air pocket") SAME ("back side grind" "back side grinding" "back-side grinding" grind$3) SAME wafer SAME (protect$4 epoxy resin UV "photo sensitive" "heat sensitive" thermo$4)	US-PGPUB; USPAT	OR	ON	2010/08/09 16:37
S51	0	("2005/0006767").URPN.	USPAT	OR	OFF	2010/08/09 16:52
S52	1	"6794751".pn.	USPAT	OR	OFF	2010/08/09 16:54
S53	17	("20010036711" | "20020068453" | "20020166625" | "6060373" | "6107164" | "6338980" | "6347947" | "6465330" | "6506681").PN. OR ("6794751").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 16:54
S54	2822	257/738.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 17:02
S55	12	("2003/0001283").URPN.	USPAT	OR	OFF	2010/08/09 17:04
S56	1	"6794751".pn.	USPAT	OR	OFF	2010/08/09 17:19
S57	1	"6623594".pn.	USPAT	OR	OFF	2010/08/09 17:21
S58	1	"5726219".pn.	USPAT	OR	OFF	2010/08/09 18:15
S59	449	257/e21.303 257/e21.304 438/959.ccls.	US-PGPUB; USPAT	OR	ON	2011/08/16 09:54
S60	419305	protect$4 AND ("UV" radiation)	US-PGPUB; USPAT	OR	ON	2011/08/16 09:55
S61	29	S59 AND S60	US-PGPUB; USPAT	OR	ON	2011/08/16 09:55
S62	14	("20010023979" | "5045505" | "5851845" | "5956605" | "6165815"	US-PGPUB; USPAT;	OR	OFF	2011/08/16 11:36

		| "6306680" | "6337225" | "6365438").PN. OR ("6558977").URPN.	USOCR				
S63	56	("5324687" | "5353195" | "5353498" | "5497033" | "5518964" | "5532512" | "5637922" | "5798286" | "5801073" | "5841193" | "5854085" | "5915170" | "6114753" | "6166436" | "6194290").PN. OR ("6306680").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/16 11:40
S64	12816	"capillary force" WITH vacuum WITZh underfill	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 13:01
S65	0	"capillary force" WITH vacuum WITH underfill	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 13:01
S66	42	capillary WITH vacuum WITH underfill	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 13:01
S67	2094	underfill WITH protect$4	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 13:16
S68	12335	underfill NEAR3protect$4	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 13:16
S69	751	underfill NEAR3 protect$4	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 13:16
S70	461	underfill NEAR2 protect$4	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 13:16
S71	6	(underfill NEAR2 protect$4) SAME "UV"	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 13:18
S72	461	(underfill NEAR2 protect$4)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 13:19
S73	108	(underfill NEAR2 protect$4) SAME (cur$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 13:19
S74	1	"10595678"	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 15:39
S75	2	"10595871"	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 15:54
S76	22	("20010018404" | "20040185639" | "20040259332" | "4818323" | "4848323" | "5414297" | "5476566" | "6214520" | "6235141" | "6284425" | "6358664" | "6551906" | "6620649" | "6792991" | "6939741" | "7201969" | "7226812").PN. OR ("7452752").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/16 15:54
S77	12	("20060189095" | "20080293217" | "5258236" | "6030485" | "6689543" | "6905946" | "7105424" |	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/16 16:04

		"7141487" | "7226812" | "7232740" "7235426" | "7452752").PN. OR ("7932614").URPN.				
S78	8	("20020166625" | "20030001283" | "6656819" | "6794751").PN. OR ("7235426").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/16 16:22
S79	13	("2003/0001283").URPN.	USPAT	OR	OFF	2011/08/16 16:33
S80	7946	438/118.ccls. 257/778.ccls. 257/783.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 17:31
S81	49435	flip WITH chip	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 17:31
S82	3959	S80 AND S81	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 17:31
S83	2723297	CMP thin$5 (back NEAR2 grind$3) grind$3 polish$3	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 17:32
S84	2373	S82 AND S83	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 17:32
S85	6464	(back NEAR2 grind$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 17:33
S86	87	S85 AND S82	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 17:33
S87	20	("20010036711" | "20020068453" | "20020166625" | "6060373" | "6107164" | "6338980" | "6347947" | "6465330" | "6506681").PN. OR ("6794751").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/16 17:42
S88	1	"6885101".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/16 17:55
S89	35	("5518957" | "5851845" | "5933713" | "5946553" | "6004867" | "6008070" | "6020624" | "6072236" | "6124634" | "6184465" | "6187615" | "6194250" | "6228687" | "6235552" | "6271469" | "6300782" | "6326697" | "6326698" | "6368896" | "6407381" | "6441473" | "6503780" | "6552423" | "6635363").PN. OR ("6885101").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/16 17:55
S90	17	("20030068841" | "5232970" | "5756564" | "5898217" | "5935314" | "5940688" | "6001901" | "6083774" | "6084037" | "6200830" | "6207296" | "6231997" | "6319619" | "6333206" | "6342309" | "6376923" | "6506681").PN. OR ("6884695").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/16 18:15
S91	6462	multiple WITH (thermosetting thermo$6)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 18:27

S92	14	S85 AND S91	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 18:27
S93	408	(adhesive WITH tape) SAME (back NEAR grind$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 18:38
S94	61	(adhesive WITH tape) SAME (back NEAR grind$3) SAME (UV thermo$6)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 18:39
S95	351	438/759.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 18:53
S96	0	trasparent WITH tape	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 19:00
S97	12011	transparent WITH tape	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 19:00
S98	2	S95 AND S97	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/16 19:00
S99	0	(vinyl WITH tape) SAME (back NEAR grind$3) SAME (UV thermo$6 cur$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 15:18
S100	4	(vinyl WITH tape) SAME (back NEAR grind$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 15:18
S101	113	(tape) SAME (back NEAR grind$3) SAME adhesive SAME (cur$3 "UV")	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 15:26
S102	2	(tape) SAME (back NEAR grind$3) SAME adhesive SAME (cur$3 WITH (thermo$6 thermal))	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 16:40
S103	2	(tape) SAME (back NEAR grind$3) SAME adhesive SAME (cur$3 SAME (thermo$6 thermal))	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 16:41
S104	2	(tape) SAME (back NEAR grind$3) SAME (cur$3 SAME (thermo$6 thermal))	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 16:41
S105	165	(tape) SAME (polishin$3 planar$6 "CMP" grind$3) SAME (cur$3 SAME (thermo$6 thermal))	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 16:43
S106	1	"20070262445".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 16:53
S107	1	"20070141330".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 16:59
S108	3419	(adhesive adj4 tape) with cur$3	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 17:01
S109	326865	grind$3	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 17:01
S110	414	S108 And S109	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 17:01

S111	1	"6295978".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 17:03
S112	220	(adhesive adj4 tape) with (UV adj cur$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 17:03
S113	12382128	@ad> "20031112" @rlad> "20031112"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/17 17:06
S114	86	S112 not S113	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/17 17:06
S115	106	((adhesive adj4 tape) with (UV adj cur$3)) and ((back adj4 side) backside)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 17:12
S116	37	((adhesive adj4 tape) with (UV adj cur$3)) and (((back adj4 side) backside) with grind$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 17:12
S117	12382128	@ad> "20031112" @rlad> "20031112"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/17 17:13
S118	1	S116 not S117	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/17 17:13
S119	1	"10595678"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/17 17:20
S120	1	"6777313".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 18:21
S121	15	"BSG" adj tape	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 18:23
S122	15	"BSG" adj3 tape	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 18:23
S123	2244	(polym$4 adj (layer film)) SAME adhesive SAME cur$3	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 18:57

S124	35	((polym$4 adj (layer film)) SAME adhesive SAME cur$3) AND (((back adj4 side) backside) with grind$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 18:58
S125	333	438/100.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 19:06
S126	0	S125 AND (((back adj4 side) backside) with grind$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 19:06
S127	32	438/100.ccls. AND grind$3	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/17 19:06
S128	3	("2003/0235937").URPN.	USPAT	OR	OFF	2011/08/17 19:08
S129	30	("20020055238" | "20020068453" | "4853286" | "5085009" | "5268065" | "5455459" | "6046073" | "6238515" | "6245677" | "6251705" | "6297131" | "6426275").PN. OR ("6713366").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/17 19:11
S130	6	("6713366" | "6730579" | "6759745" | "6849524" | "6933489" | "7129114").PN. OR ("7485547").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/17 19:12
S131	2	"0977254"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/08/17 19:59
S132	31	"977254"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/08/17 19:59
S133	2	"5641714".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/08/19 14:39
S134	6	"20030001283".PN. "6885101".PN. "20030235937".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/08/19 18:49
S135	1	"12464959"	US-PGPUB; USPAT	OR	OFF	2011/08/19 19:15
S136	1759	438/459.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 17:37
S137	1	"10595678"	US-PGPUB; USPAT;	OR	ON	2012/02/01 17:38

			USOCR			
S138	554724	acrylate acrylic	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 17:39
S139	156	S136 AND S138	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 17:39
S140	1208805	vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 17:39
S141	76	S139 AND S140	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 17:39
S142	0	"51317236"	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 18:53
S143	1	"6214520".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:01
S144	86308	vacuum adj1 chamber	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:02
S145	1759	438/459.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:02
S146	67	S145 AND S144	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:02
S147	1206367	(polishin$3 planar$6 "CMP" grind$3)	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:12
S148	2915	S144 SAME S147	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:13
S149	3293	back WITH side WITH grind$3	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:13
S150	92	S149 AND S144	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:13
S151	84	S150 NOT S146	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:13
S152	22	("20010018404" | "20040185639" | "20040259332" | "4818323" | "4848323" | "5414297" | "5476566" | "6214520" | "6235141" | "6284425" | "6358664" | "6551906" | "6620649" | "6792991" | "6939741" | "7201969" | "7226812").PN. OR ("7452752").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/02/01 19:17
S153	139	back WITH grind$3 WITH vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:21
S154	2	back WITH grind$3 WITH "vacuum chamber"	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 19:21

S155	5674	Noda.in.	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 20:14
S156	4834	grind$3 AND "vacuum chamber"	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 20:15
S157	15	S155 AND S156	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 20:15
S158	1	"6004596".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 20:22
S159	1157	257/659.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2012/02/01 20:22

2/6/2012 12:52:37 PM
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